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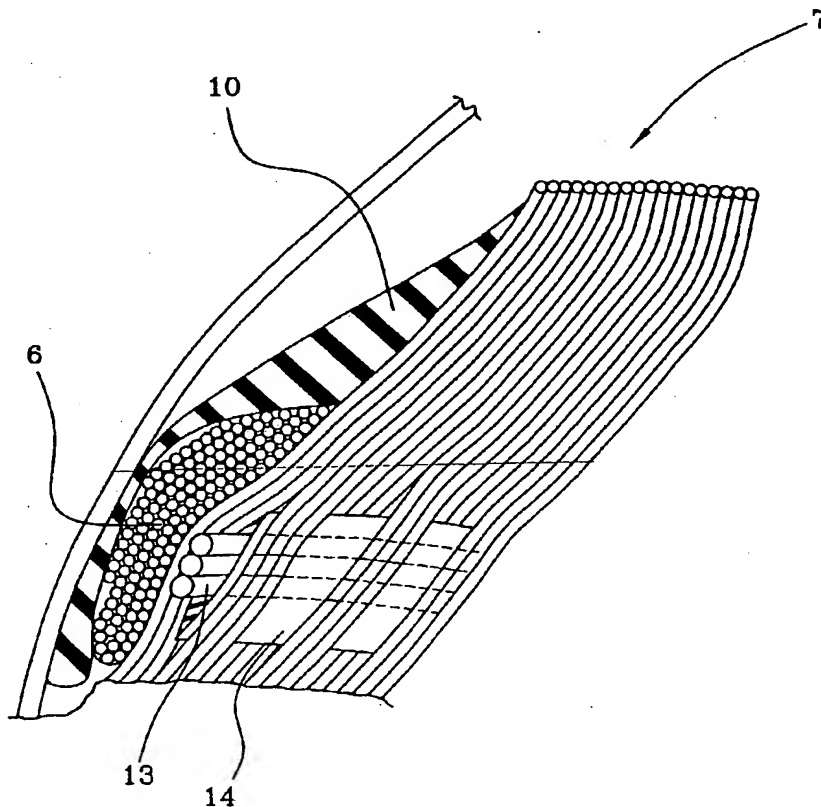
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(54) Title: **TYRE FOR VEHICLE WHEELS WITH REINFORCED BEAD STRUCTURE**



(57) **Abstract:** Tyre for vehicle wheels, comprising a toroidal carcass that has a central crown portion and two axially opposite sidewalls ending in a pair of beads for anchoring the tyre (1) to a corresponding mounting rim, each bead comprising at least an annular reinforcing core (5, 6), a tread band (9) positioned at the crown and coaxially extended about said carcass, provided with a relief pattern for the rolling contact with the road, and a belt structure (8) coaxially interposed between said carcass and said tread band (9), said carcass comprising at least a carcass ply (7), said at least one carcass ply (7) having its own ends anchored to said annular reinforcing cores, wherein said at least one carcass ply (7) comprises a portion that encloses within it at least an insert (15) in proximity to said annular reinforcing cores (5, 6).